





Patient Safety Component

Monthly Reporting Plan

Data Entry

Linking

Other Features

Mary Andrus, BA, RN, CIC Division of Healthcare Quality Promotion

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## **Target Audience**

- This training is designed for those who will enter patient, event and procedure information into the Patient Safety Component of NHSN
- This may include:
  - NHSN Facility Administrator
  - Patient Safety Primary Contact
  - Infection Control Professional (ICP)
  - Epidemiologist
  - Data entry staff

## **Objectives**

- Identify the steps in entering a Monthly Reporting Plan into NHSN
- Indicate requirements for various types of data fields
- Demonstrate data entry into data fields in each type of NHSN record
- Describe how two or more records can be linked to form an association between them
- Display Help Messages within NHSN

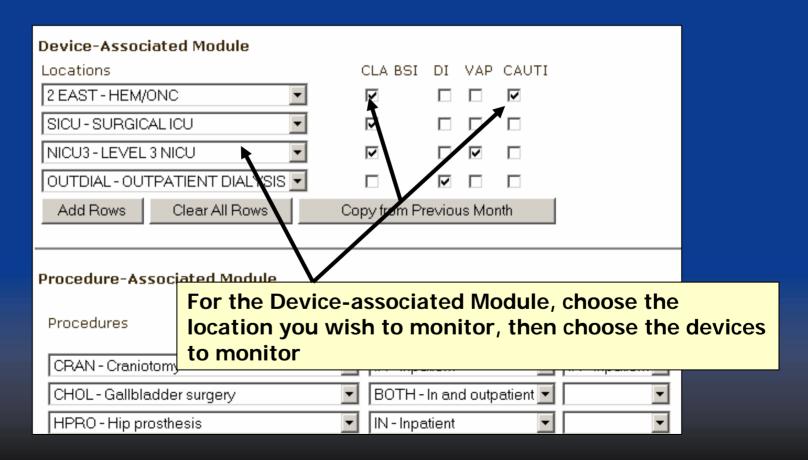


- Each facility must enter a Monthly Reporting Plan for every month of the year
- Events, procedures, and summary data cannot be entered for a month until a Plan is in place.
- Plan informs CDC which modules are followed for a given month

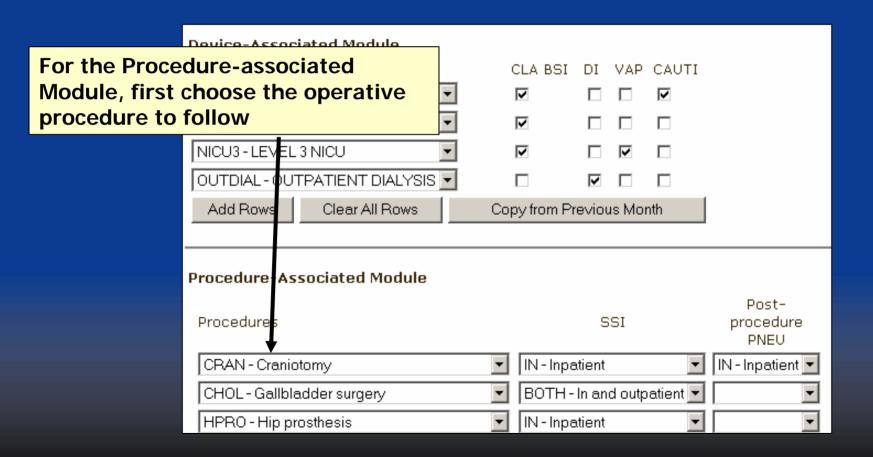
## Monthly Reporting Plan Options

- Specific plan
- "No Modules Followed" Plan

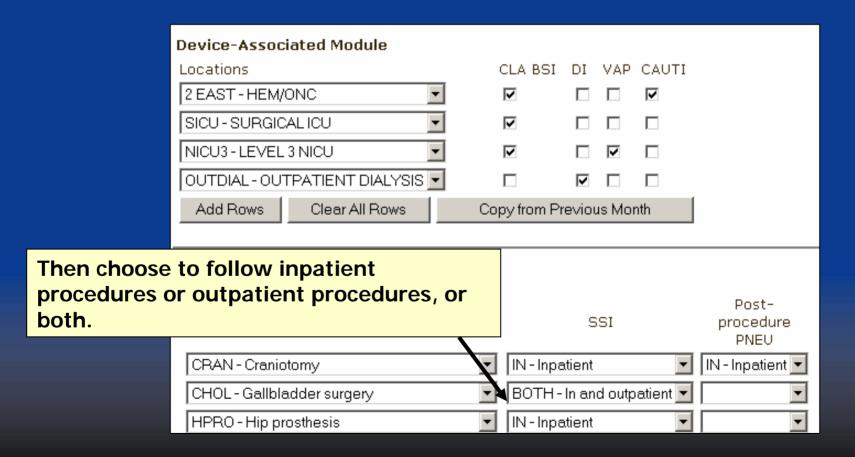
A facility may choose to enter a specific plan...

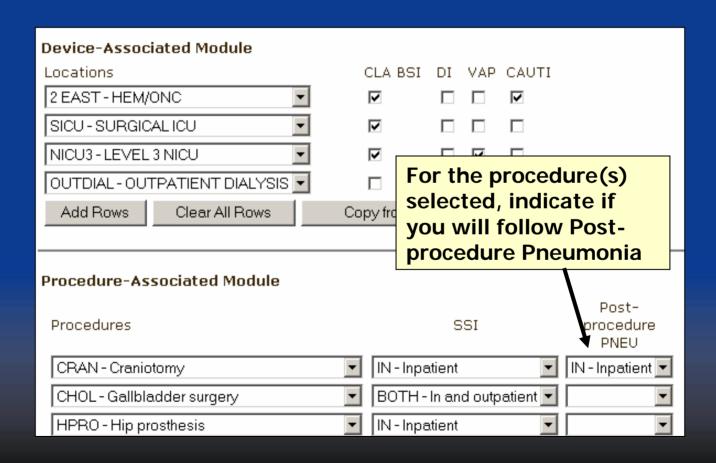


Device-Associated Module					
Locations	CLA BS:	I DI VAP	CAUTI		
2 EAST - HEM/ONC ▼	<b>~</b>		<b>~</b>		
SICU-SURGICAL ICU	~			Nicke Hee	k a salar
NICU3 - LEVEL 3 NICU ▼	~			Note that	•
OUTDIAL - OUTPATIENT DIALYSIS ▼		▽ 🛨		locations	nt dialysis
Add Rows Clear All Rows	Copy from F	Previous Mon	ith	monitor	
	_ Incidents	•			
Procedure-Associated Module					
Procedures	SSI			Post- procedure PNEU	
CRAN - Craniotomy	▼ IN - Inp	oatient	▼	IN - Inpatient 💌	
CHOL - Gallbladder surgery	<b>В</b> ОТН	l - In and outpa	atient 🔻	<b>V</b>	
HPRO - Hip prosthesis	▼ IN-Inp	oatient	▼	•	



A facility may choose to enter a specific plan...





...or choose "No Modules Followed this Month"

Mandatory fields marked with *
Facility ID*: DHQP Memorial Hospital (ID 10000)  Month*: September  Year*: 2005
✓ No NHSN Patient Safety Modules Followed this Month
Save Back

•Remember that you must have a specific plan for at least 6 out of 12 months and submit data

## General Information about Data Entry

- Data entered into NHSN is available to both CDC and to the facility as soon as it is saved.
  - No "transmission"
- Data can be edited after it is saved
  - Exceptions
    - Patient ID
    - Linked records
- Records can be deleted

## Types of Data Entered in NHSN

CDC

- Patient demographics
- Denominators
  - Summary data (device-associated)
  - Denominators for Procedures
- Events (e.g., CLABSI, VAP, SSI, etc.)
- Custom data

## Requirements for Data Fields

### Required:

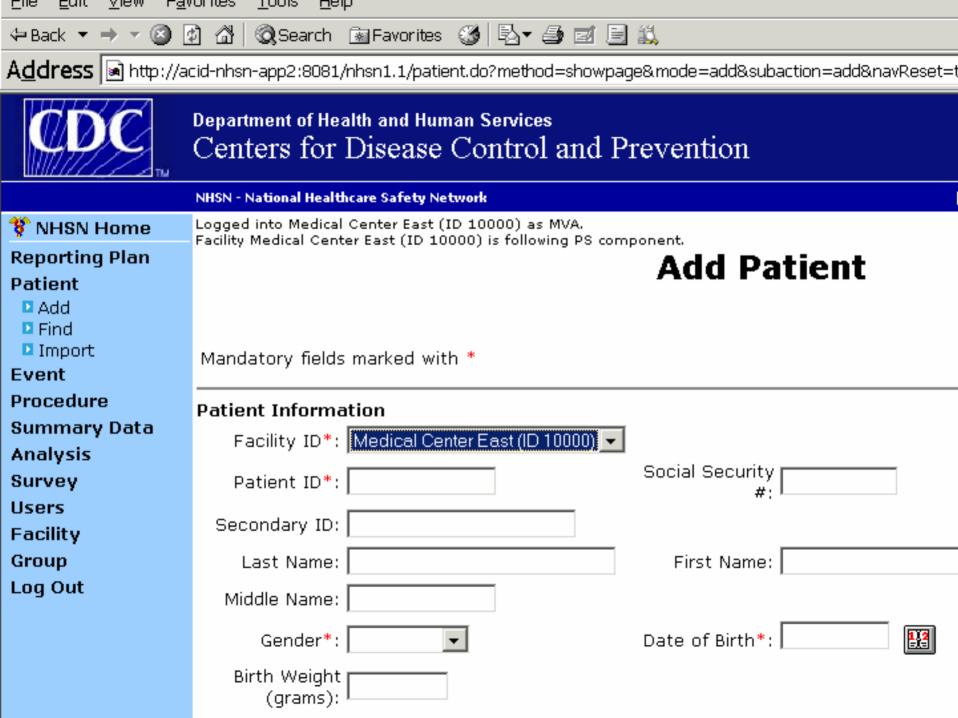
- Must be completed on every data field
- A red asterisk (\*) appears next to the field label
- Conditionally required: when the requirement depends on one of these conditions
  - Response given in another field
  - Events identified in your Monthly Reporting Plan

### Optional:

 NHSN does not require the data and the information will not be used (e.g., surgeon code)

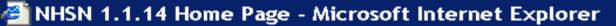
## Adding a Patient

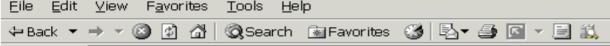
- Required fields
  - Patient ID
  - Gender
  - Date of Birth
- Conditionally required field:
  - Birthweight (only if neonate)
- Optional fields
  - Social security number
  - Patient name (first, middle, last)
  - Secondary ID



# Finding a Patient entered Previously







Address Address Attp://acid-nhsn-app2:8081/nhsn1.1/nhsnMain.do



Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network

I NHSN Home | My

NHSN Home
Reporting Plan

Patient

□ Add
□ Find
□ Import

Event

**Procedure** 

**Summary Data** 

**Analysis** 

Survey

Users

Facility

Group

Log Out

Logged into Medical Center East (ID 10000) as MVA. Facility Medical Center East (ID 10000) is following PS component.

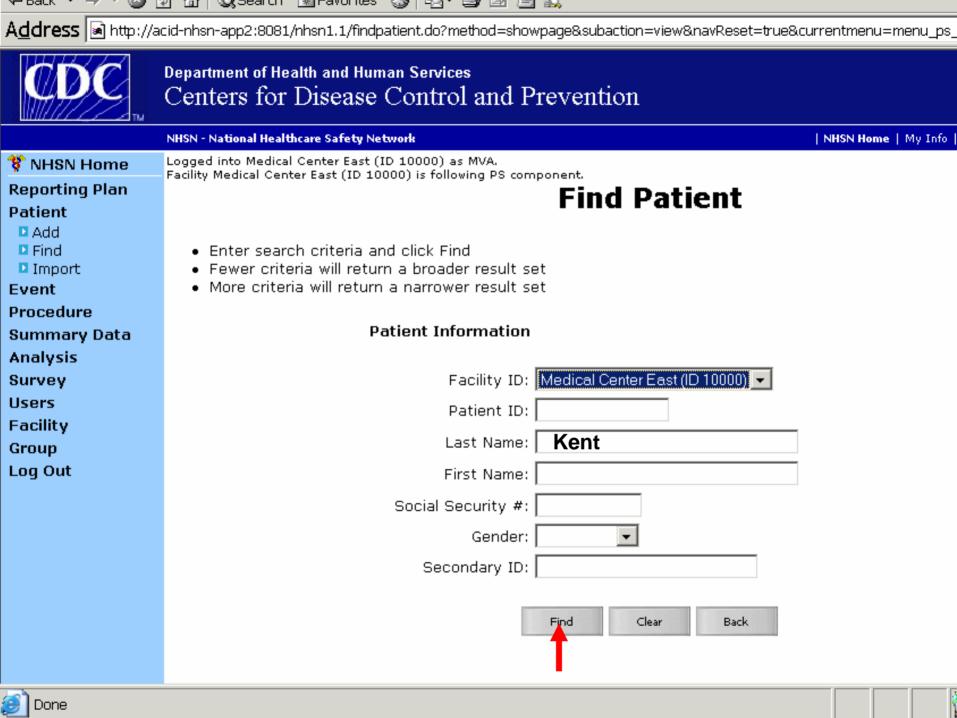
Welcome to the NHSN Home Page.

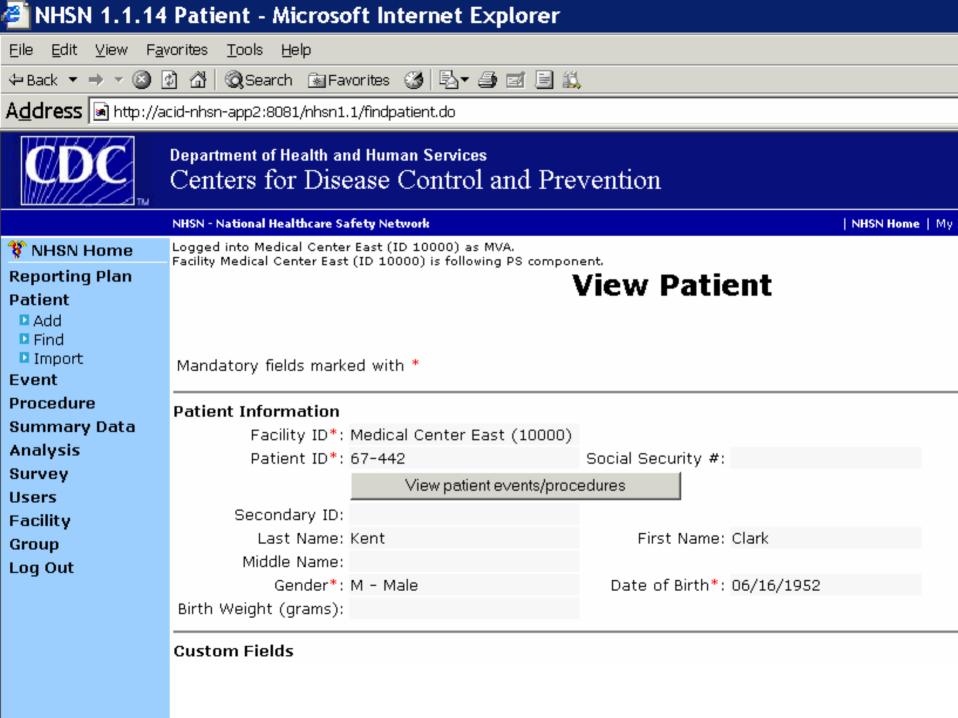
Use the Navigation bar on the left to access the features of the application.



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**Assurance of Confidentiality:** The information obtained in this surveillance system that would permit ide institution is collected with a guarantee that it will be held in strict confidence, will be used only for the puotherwise be disclosed or released without the consent of the individual, or the institution in accordance 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).





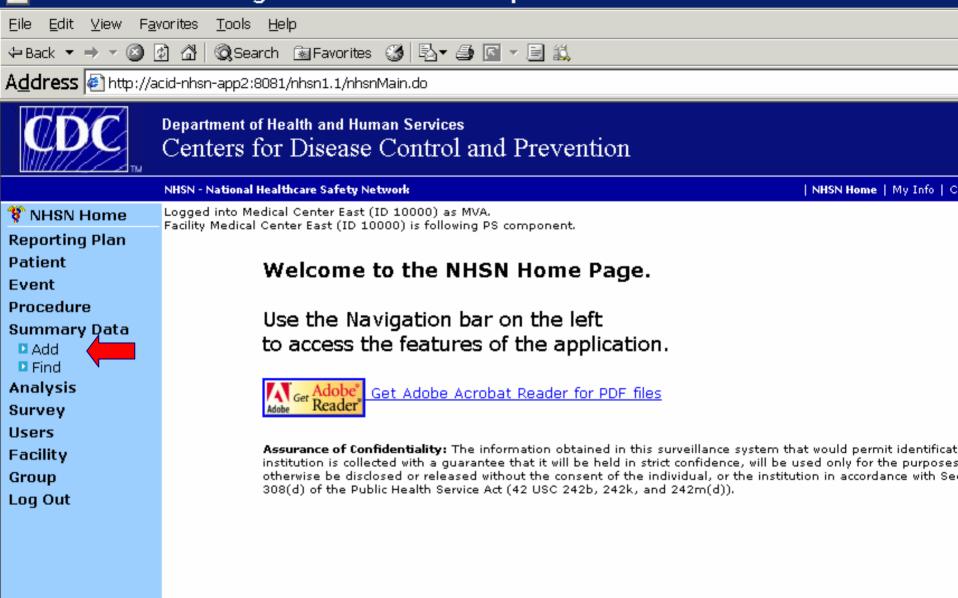
# **Entering Denominators for Device-associated Events**

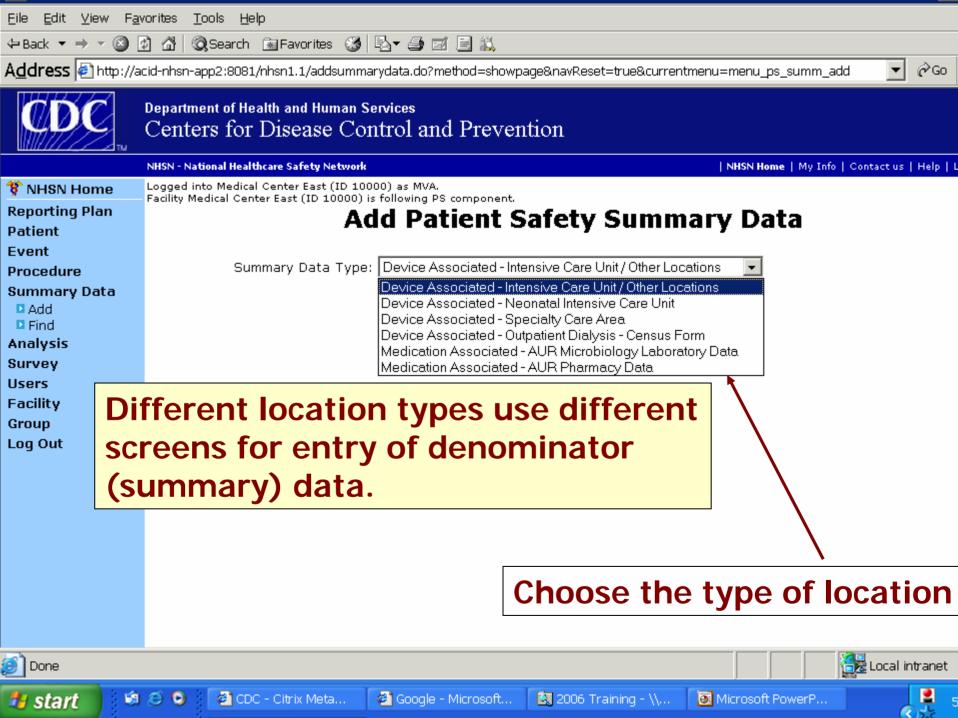
- Adding summary data
- Finding summary data
- Editing/deleting summary data

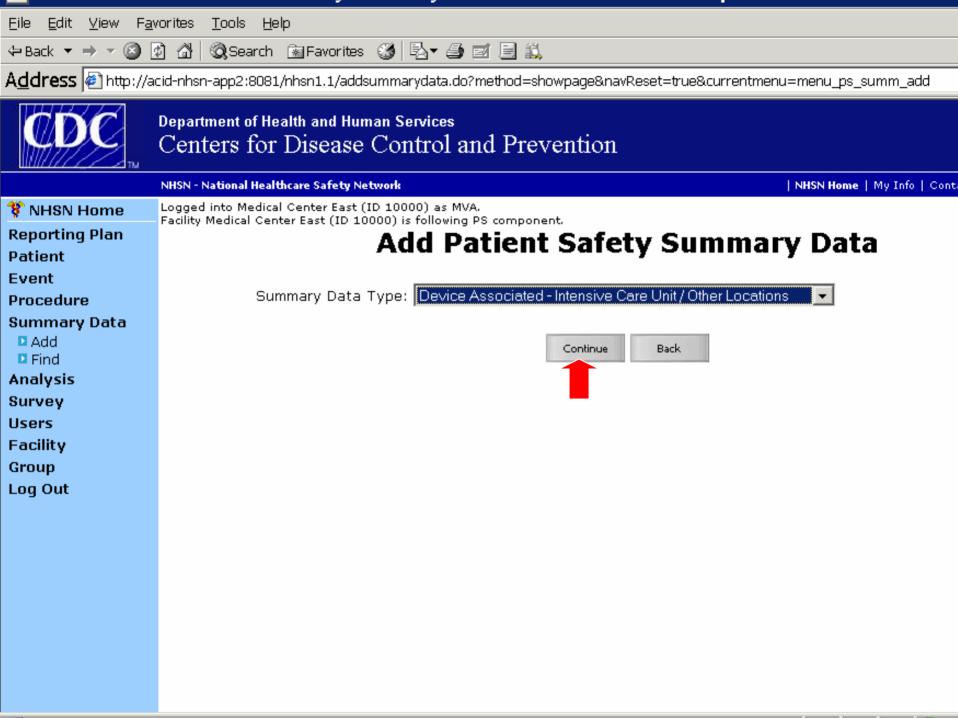
# Device-associated Denominators

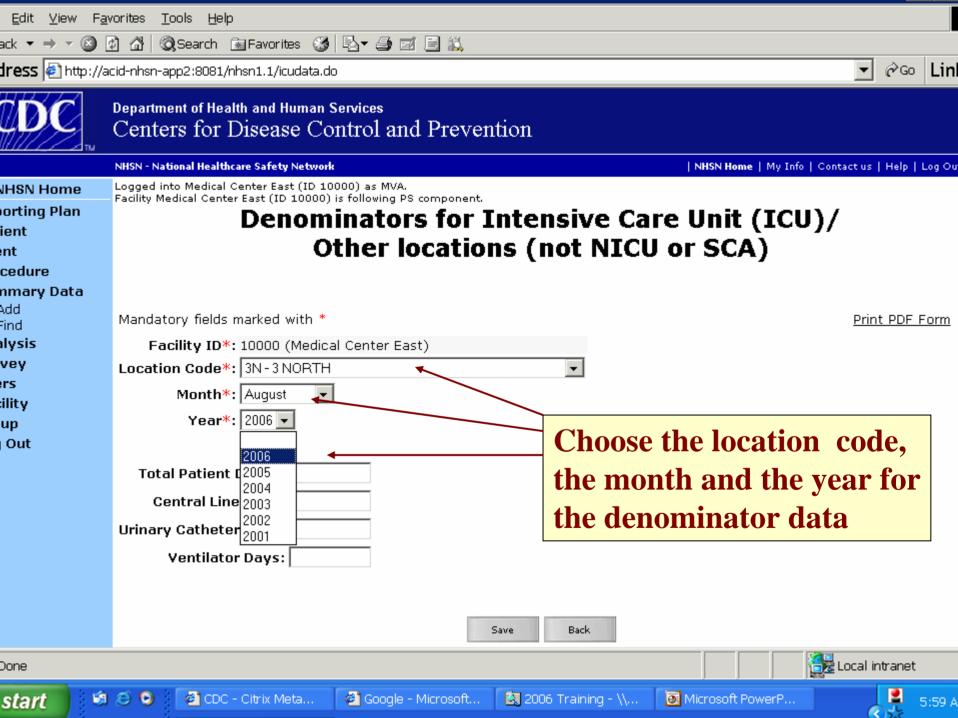
- Patient days
- Device days by type of unit

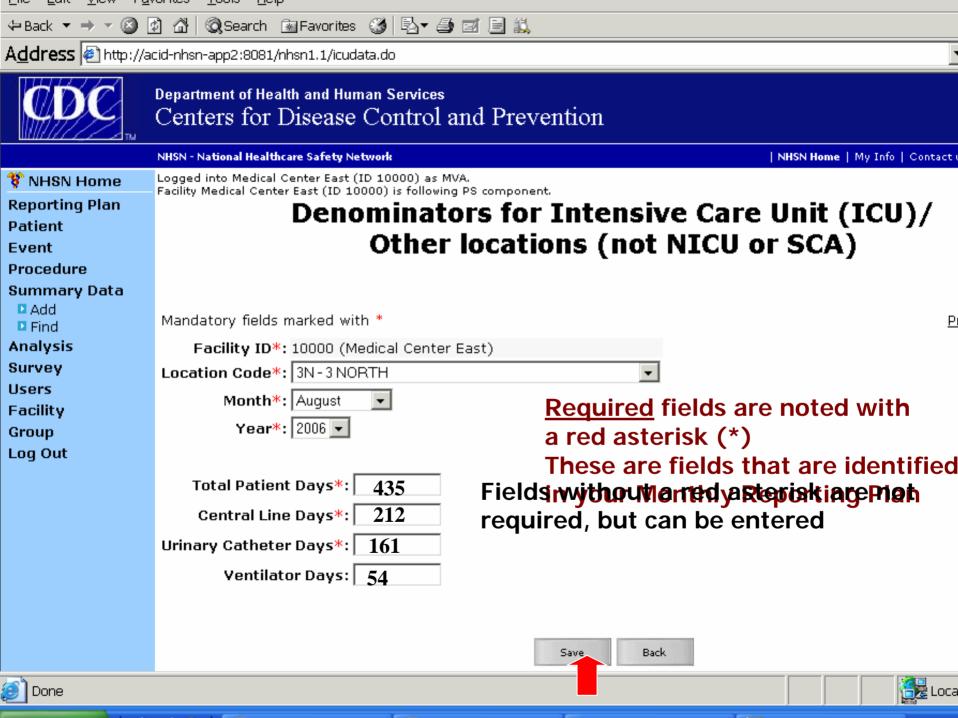


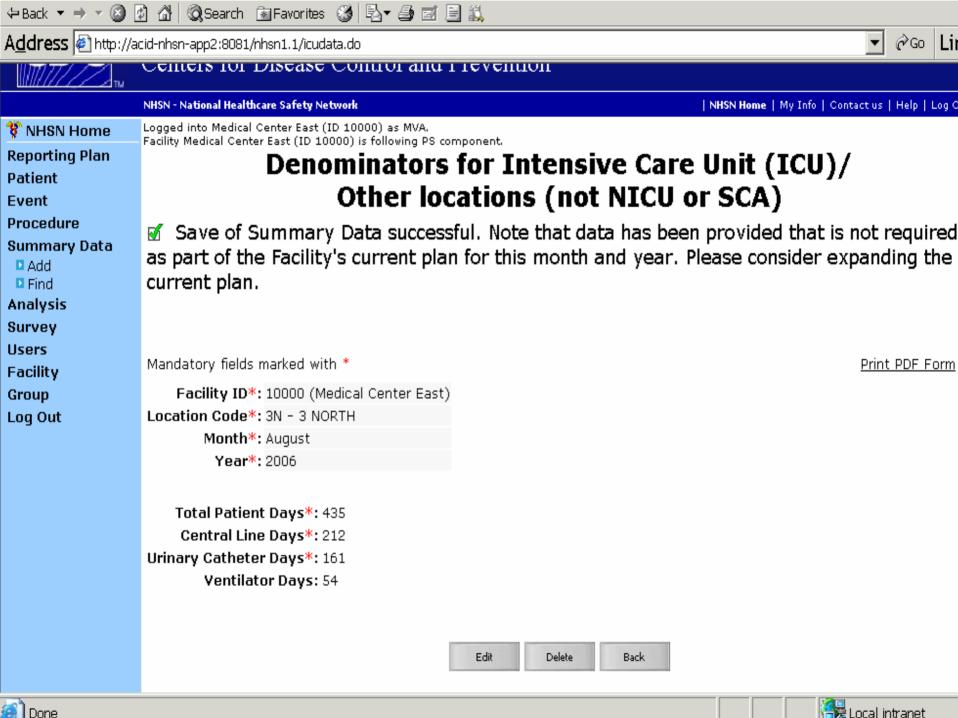


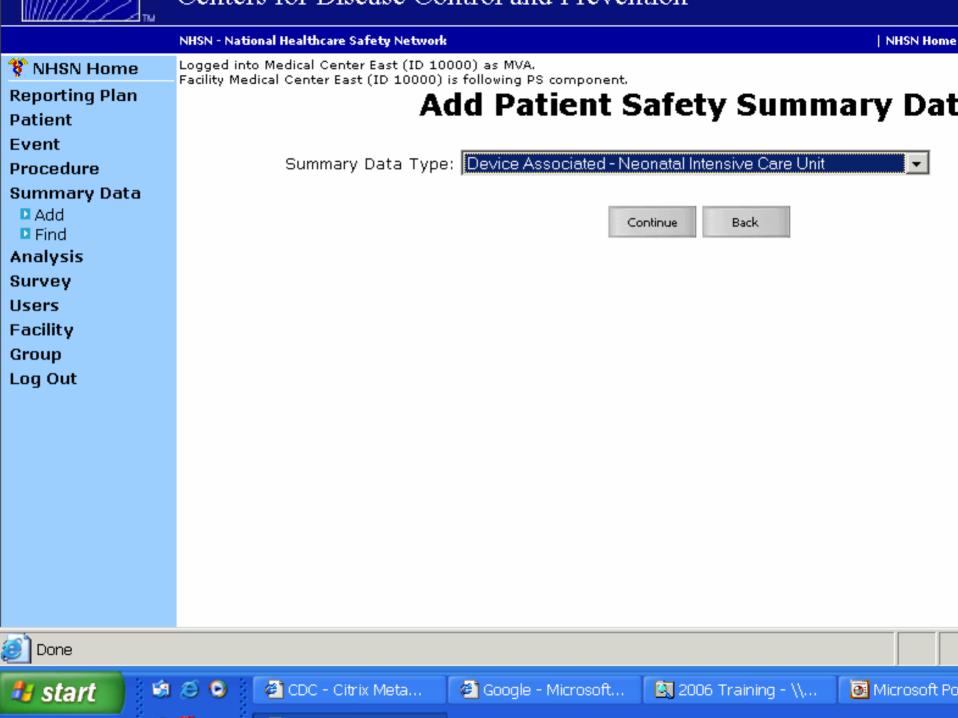


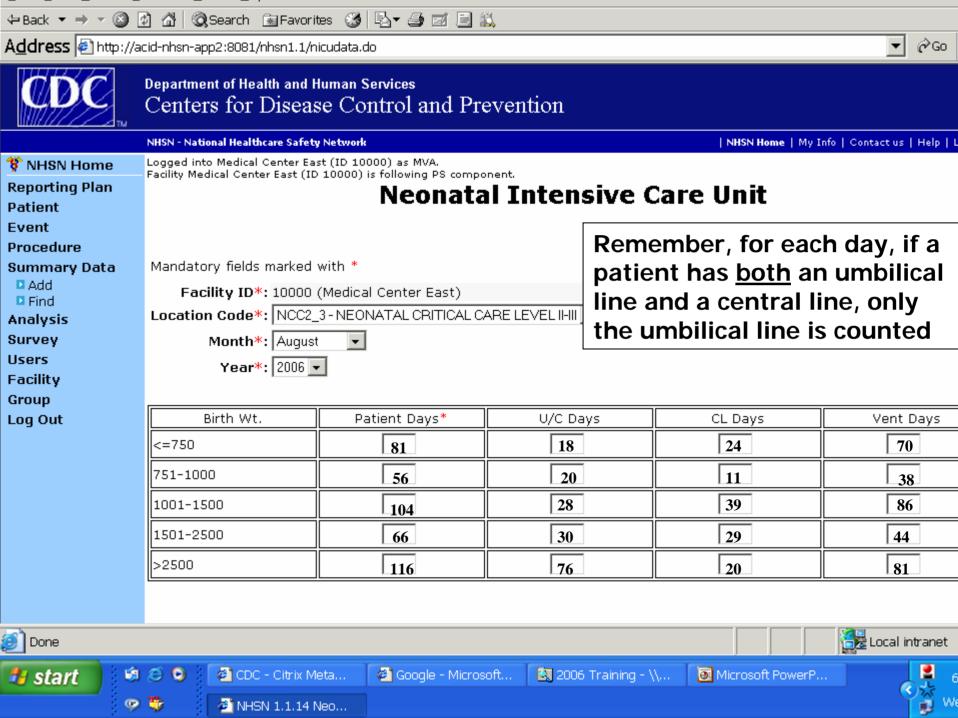


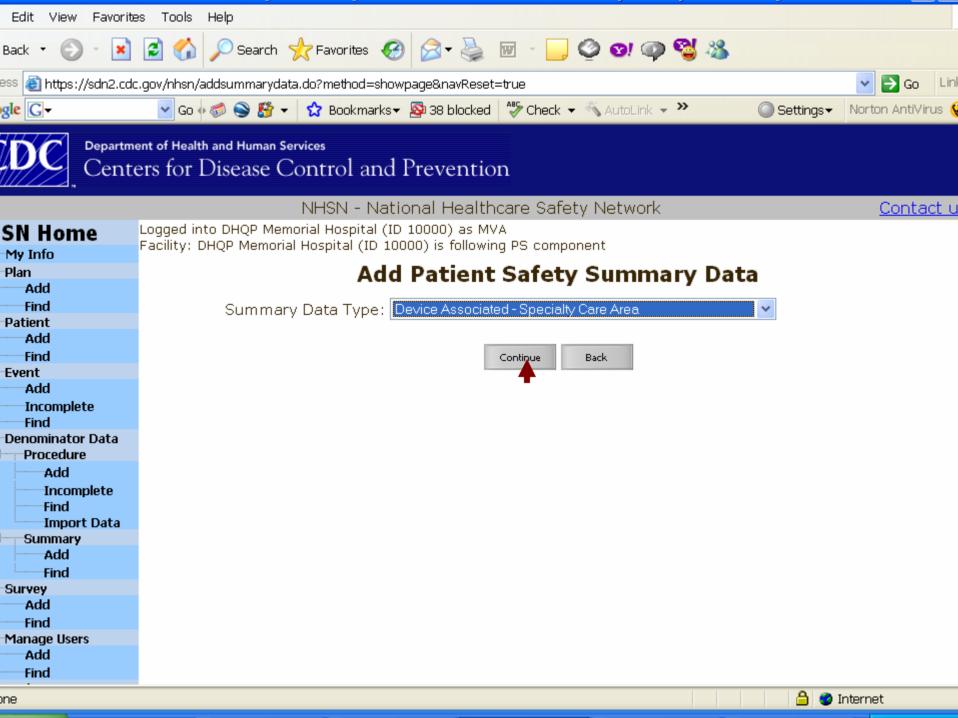


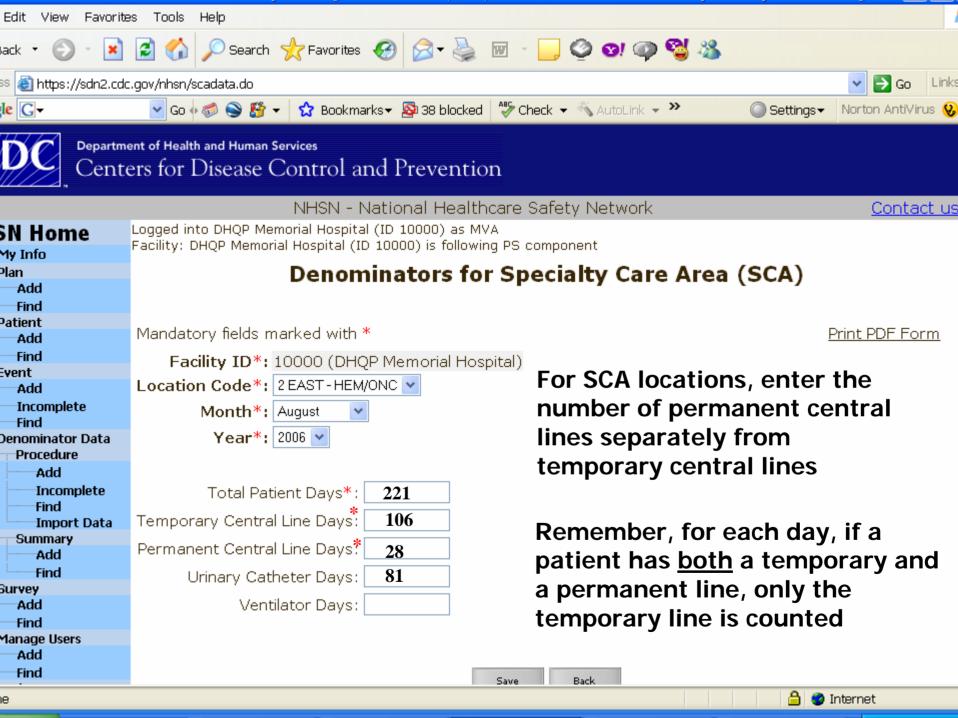




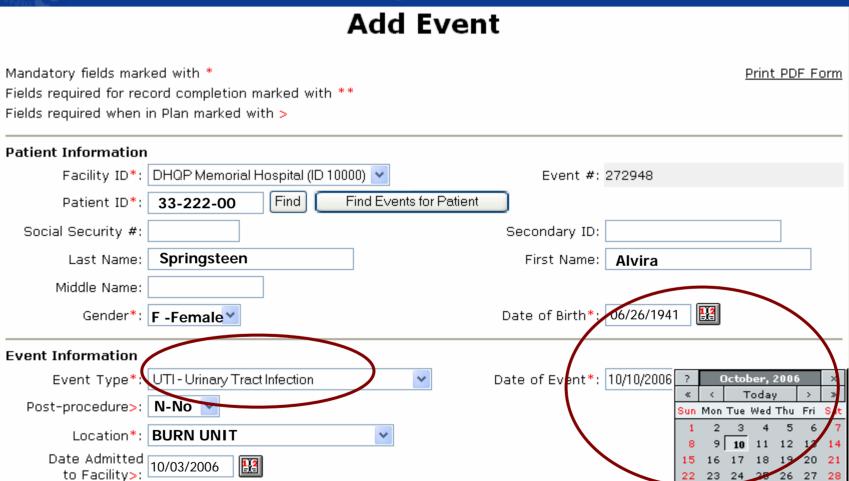












Select date

**Risk Factors** 

Urinary Catheter\*: Y-Yes

Event Details	i					
Specific Event*: SUTI-Symptomatic bacteriuria 💌						
Secondary Bloodstream N-No V						
	Died**: N-No 💌					
Discha	rge Date:	122				
Pathogens Id	entified*: Y-Yes 🔻	If Yes, specify	/ below ->			
Pathogens						
Pathogen 1:	EC-Escherichia coli		*9 drugs required			
	Drug		Result			
	CEFOT - Cefotaxime	~	S - Susceptible 💌			
	AMK - Amikacin	~	N-Not Tested 💌			
	CEFEP - Cefepime	~	R-Resistant 💌			
	CEFTRX - Ceftriaxone	~	S - Susceptible 💌			
	CEFTAZ - Ceftazidime	~	N-Not Tested 💌			
	CIPRO - Ciprofloxacin	~	R-Resistant 💌			
	IMI - Imipenem	~	S - Susceptible 💌			
	LEVO - Levofloxacin	~	R-Resistant 💌			
	MERO - Meropenem	~	N-Not Tested 💌			
	Add Rows					
Pathogen 2:	CA - Candida albicans		~			

### Find Event

- Enter search criteria and click Find
- Fewer criteria will return a broader result set
- · More criteria will return a narrower result set

#### **Event Information**

Facility ID:	DHQP Memorial Hospital (ID 10000) 💌	
Event #:		
Event Type:	UTI - Urinary Tract Infection	
Location:	BURN-BURN UNIT	
Date of Event:	10/01/2006 H To: 11/30/2006	

#### **Patient Information**

Patient ID:	
Last Name:	
First Name:	
Social Security #:	





Logged into DHQP Memorial Hospital (ID 10000) as MVA. Facility DHQP Memorial Hospital (ID 10000) is following PS component.

#### **Event List**

First   Previous   Next   Last Dis											
	Facility	<u>Event</u>				<u>First</u> <u>Name</u>	<u>Location</u>		SACHIETTY.	Secondary ID	
	10000	272945	UTI	10/10/2006	Springsteen	Alvira	BURN UNIT (BURN)	33-222- 00			Υ
	10000	27 <u>946</u>	UTI	10/30/2006	Jacon	Timothy	BURN UNIT (BURN)	16-88- 900			Υ
Delete											
First   Previous   Next   Last Dis							Dis				
New Search Add Back											

#### View Event

Mandatory fields marked with \*

Fields required for record completion marked with \*\*

Fields required when in Plan marked with >

Patient Information

Facility ID\*: DHQP Memorial Hospital (10000)

Patient ID\*: 33-222-00

Social Security #:

Last Name: Springsteen

Middle Name:

Gender\*: F - Female

First Name: Alvira

Secondary ID:

Date of Birth\*: 06/26/1941

Date of Event\*: 10/10/2006

Event #: 272945

Print

Event Information

Event Type\*: UTI - Urinary Tract Infection

Post-procedure\*: N - No

Location\*: BURN - BURN UNIT

Date Admitted to Facility\*: 10/03/2006

Risk Factors

Urinary Catheter\*: Y - Yes

Event Details

Specific Event\*: SUTI - Symptomatic bacteriuria

Secondary Bloodstream N - No Infection\*:

Died\*\*: N - No.

Discharge Date:

Pathogens Identified\*: Y - Yes If Yes, specify below ->

Pathogens

Pathogen 1: EC - Escherichia coli \*9 drugs required

Result Drug CEFOT - Cefotaxime S - Susceptible

All events entered into **NHSN** are available for review after being saved



- An Operative Procedure Record is completed for each patient having a procedure selected for monitoring.
  - For example, if you wish to monitor HPROs during December, then a Denominator for Procedure record is completed for <u>every</u> patient that has the procedure.





CDC

- Add
- Find
- Import
- Link



### Department of Health and Human Services Centers for Disease Control and Prevention

#### NHSN - National Healthcare Safety Network



Reporting Plan

**Patient** 

Event

**Procedure** 



- Find
- Import
- Incomplete

**Summary Data** 

Analysis

Survey

Users

Facility

Group

Log Out

Logged into Test Facility (ID 10036) as MVA9. Facility Test Facility (ID 10036) is following PS component.

#### Welcome to the NHSN Home Page.

Use the Navigation bar on the left to access the features of the application.

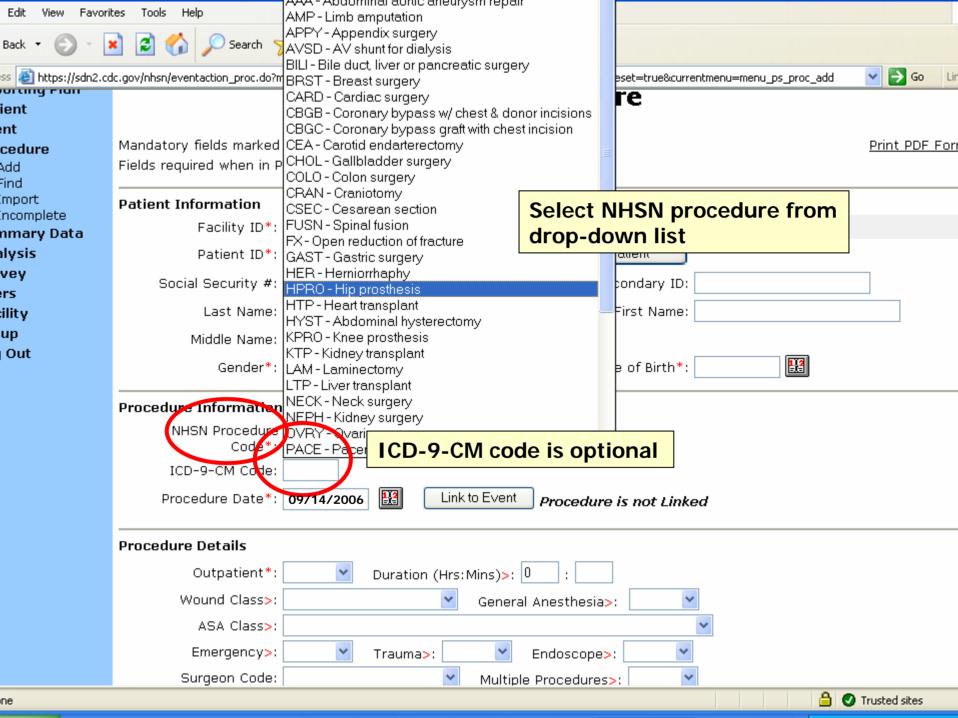


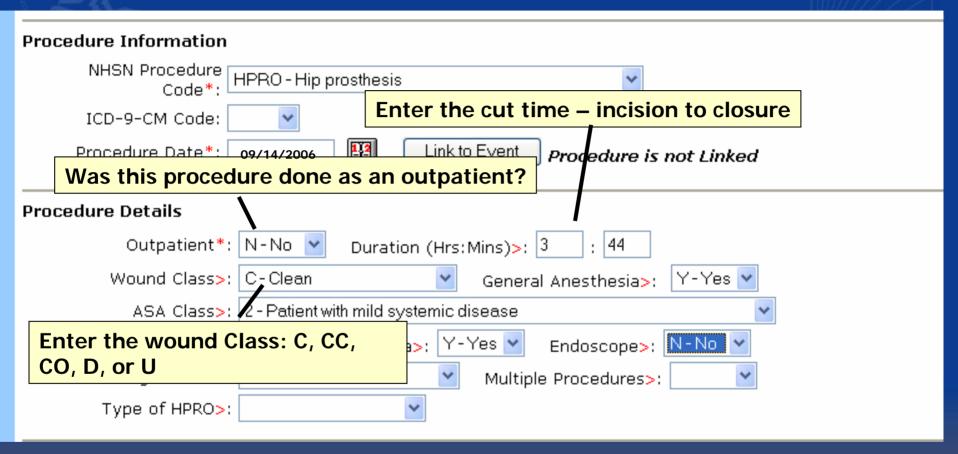
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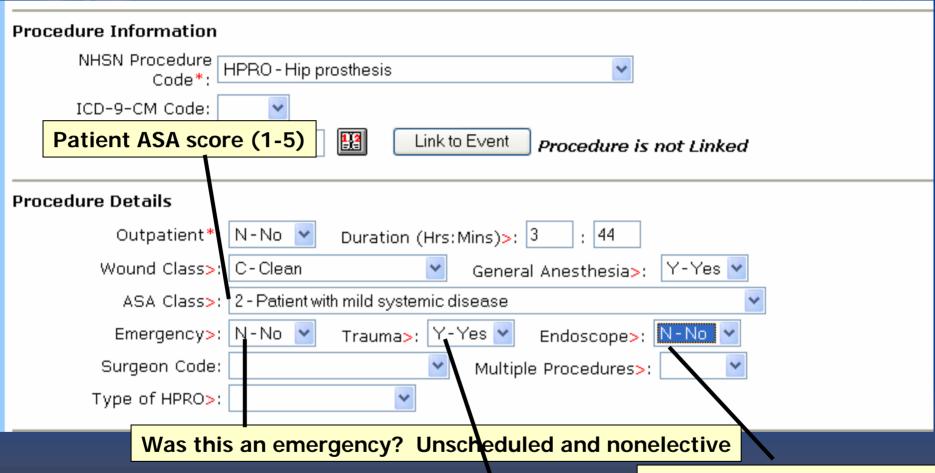
Assurance of Confidentiality: The information obtained in this surveillar institution is collected with a guarantee that it will be held in strict confidentherwise be disclosed or released without the consent of the individual, (d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).

### Add a Procedure

Mandatory fields marked	with * Print PDF Fo	
Fields required when in Plan marked with >		
Patient Information		
Facility ID*:	Test Facility (ID 10036)	
Patient ID*:	33-3-333 Find Find Procedures for Patient	
Social Security #:	Secondary ID:	
Last Name:	Jones First Name: Sue	
Middle Name:		
Gender*:	F-Female Date of Birth*: 04/12/1955	
Procedure Information		
NHSN Procedure Code*:	<b>▼</b>	
ICD-9-CM Code:		
Procedure Date*:	Link to Event Procedure is not Linked	
Procedure Details		
Outpatient*:	Duration (Hrs:Mins)>: 0 :	
Wound Class>:	General Anesthesia>:	
ASA Class>:	<u> </u>	
Emergency>:	Trauma>: Endoscope>:	
Surgeon Code:	Multiple Procedures>:	





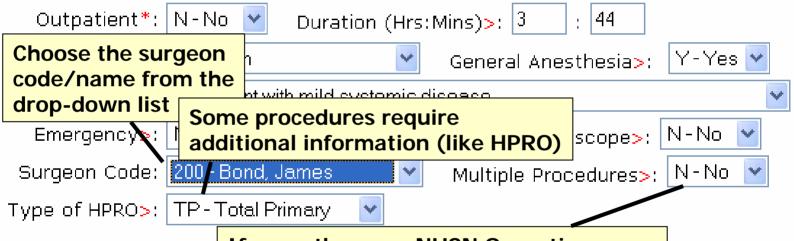


Is the surgery done due to blunt or penetrating trauma injury?

Was the procedure done using an endoscope?

# CDC

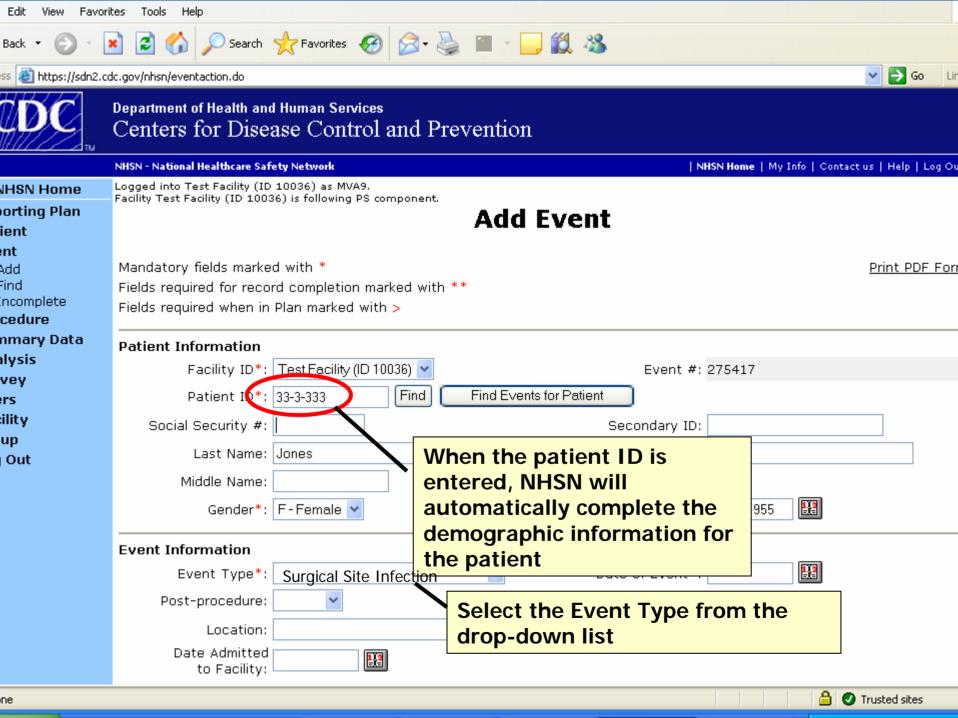
#### **Procedure Details**



If more than one NHSN Operative Procedure is performed through the same incision, select "Yes"

### Linking an Event to a Procedure

- The Procedure must be entered in the system <u>before</u> an event can be linked to it
- When an event is linked to a procedure, the data from the procedure will be automatically associated with the event
- Used primarily with SSI and PPP, but can be used with Device-associated Events also

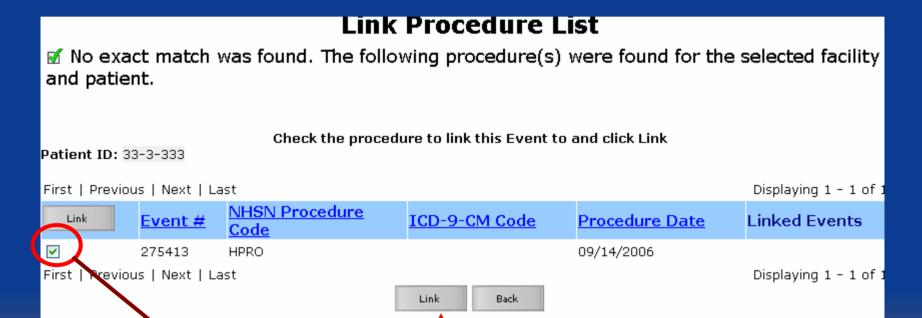






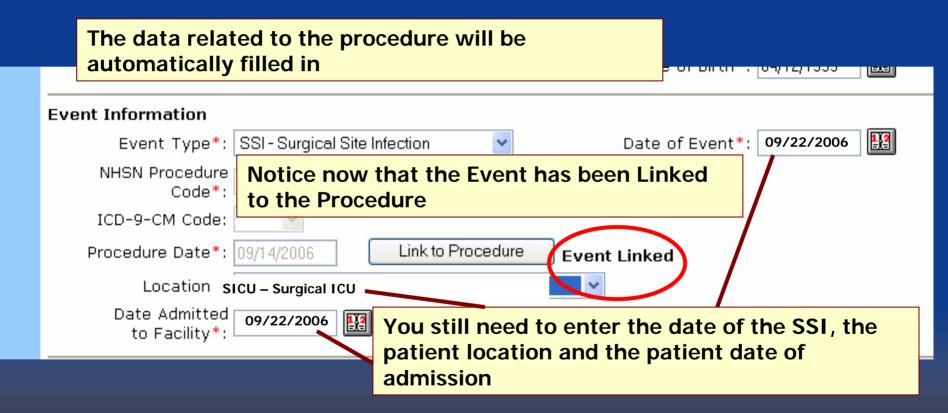
vent Information
Event Type*: SSI-Surgical Site Infection   Date of Event*:
NHSN Procedure Code*:
ICD-9-CM Code:
Procedure Date*: Link to Procedure Event is not Linked
Location:
Date Admitted to Facility>:





Click in the box next to the appropriate procedure and then the link button.

## Linking an Event to a Procedure



### Help Messages



#### Centers for Disease Control and Prevention

NHSN Home | My Info | Contact of | Help | log Out

Print PDF Form

**NHSN Home** porting Plan

atient Add Fnc Import

/ent

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nalysis

irvey sers

acility roup

q Out

Logged into Test Facility (ID 10036) as MVA9.

Facility Test Facility (ID 10036) is following PS component.

#### View Procedure

Mandatory fields marked with \*

NHSN - National Healthcare Safety Network

Fields required when in Plan marked with >

Patient Information

Facility ID\* Test Facility (10036)

Patient ID\* 33-3-333

Social Security #

Last Name Jones

Middle Name

Gender\* F - Female

Procedure #: 275413

Secondary ID:

First Name: Bue

Date of Birth\*: 04/12/1955

**Procedure Information** 

NHSN Procedure HPRO - Hip prosthesis

ICD-9-CM Code

Procedure Date\* 09/14/2006 Procedure is not Linked

**Procedure Details** 

Outpatient\*: N - No Duration (Hrs: Mins)\*: 3 : 44 Wound Class\*: C - Clean General Anesthesia\*: Y - Yes





### Questions?